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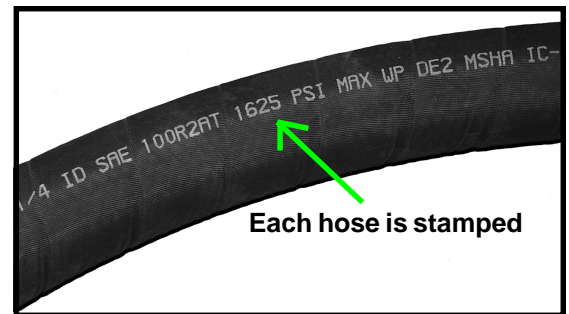
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Hydraulic Hose A Key to Good Performance

In the pre-operational checklist for your machine, J.H. Fletcher & Co. recommends that you inspect the hose and hose fittings before starting the equipment. Failure to follow this recommendation could result in failure of the hydraulic hose and fitting, damage to the machine and subsequent leakage. Hose failure is one of the most common reasons for bolter down time. Time taken now to replace damaged hoses and fittings with the proper parts can keep hose problems from escalating. The potential for increased downtime is significantly increased if damaged hoses are replaced with incorrectly sized hose assemblies, a hose of the wrong specification or an improperly manufactured hose assembly.

In your parts book J.H. Fletcher & Co. identifies hoses which meet the operational and safety requirements of your machine. If your mine has elected to use non-OEM hoses, please review their operational and safety performance and know the proper hose specifications and size when replacing hose assemblies. For verification, read the specifications stamped on the hose jacket of the hose being replaced and make sure the replacement meets or exceeds the specifications (see photo).



J.H. Fletcher & Co. uses a standard hose of synthetic rubber tube and jacket chosen for its toughness, fluid compatibility with petroleum and 60/40 blend hydraulic fluids, flexibility, and MSHA flammability rating. The standard hosewire reinforcement is designed for a minimum rating of at least 3000-psi working pressure in sizes through one-inch diameter unless the machine system requires a higher capacity. 1 ¼", 1 ½" and 2" diameter tank and suction lines are special purpose hoses selected for the specific application. Some machines require higher working pressure capacity and some mines prefer the heavier construction of higher-pressure 4 spiral wire layer hose. J.H. Fletcher & Co. uses hose assemblies with 4000 and 5000 psi working pressure capabilities for these applications. Please note that the 5000-psi working pressure hoses do not have

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the flexibility of lower pressure hoses. Fletcher also offers an MSHA approved higher abrasion resistant outer cover on the standard 3000 psi hose and on the heavier 5000 psi hose. Fletcher refers to this product by the Dayco-Parker trade name "ironclad."

When a hose indicates stretching or visual indications of fatigue, the hose should be replaced.

Fletcher selects its OEM hoses based on its design criteria which emphasizes safe and dependable performance. When non-OEM hoses are used, Fletcher cannot predict the extent of the

safety and performance shortcomings which will be encountered. Regardless of the hoses used, always wear Personal Protective Equipment when operating or performing maintenance. Hose failure could result in possible injury to an operator, damage to the equipment and loss of valuable work time. If you do not know what hose is appropriate for your machine, call J.H. Fletcher & Co.'s Engineering Department.

ROOF RANGER II SUPPORT POST INCREASED OVERLAP STYLE WITH TAKE-UPS

J. H. Fletcher & Co. has designed a new support post with screw adjustable wear pads in each stage top collar. In addition to the screw adjustment, wear pad retention bolts keep the wear pad from falling between the housings as they wear. When you are ready to put new wear pads on the support post, the retention bolts can be removed and the adjustment screws loosened to allow the wear pad to be replaced as on the standard support post. This post is not suitable for every application since the new system adds 2 ½" to the collapsed height of the assembly due to a required

increase in overlap with the screw adjustment design. However, if you are having problems with durability of your existing post and you have the extra height to allow for the new collar arrangement, this system may be for you. This system is available now for the support posts identified in Chart A. The take-up bolts are not allowed on the conventional support post without additional overlap. If you believe this newly designed post would benefit you, please call J. H. Fletcher & Co. or an authorized distributor.

CHART A

SUPPORT POST ASSEMBLY	CYLINDER ASSEMBLY	CYLINDER COLLAPSED HEIGHT	SUPPORT COLLAPSED HEIGHT	EXISTING POST COLLAPSED HEIGHT	SUPPORT POST EXTENDED HEIGHT
362129	56960	21-1/4	30	27 ½"	53-5/8
363851	56971	24-1/4	32	29 ½"	62-5/8
363852	56963	26-1/4	34	31 ½"	68-5/8
363853	56961	29-3/4	37-1/2	35"	79-1/8

SPECIFIC RECALL: RELIANCE ELECTRIC MOTORS

It has come to Reliance's attention that certain Reliance Electric Motors supplied in specific equipment manufactured by J.H. Fletcher & Co. may not be MSHA compliant. The non-compliance consists of possible improper packing of the electric motor's cable packing gland. When properly assembled, the cable jacket should extend through the packing area into the interior of the packing gland. In some motors, the cable jacket may not have been placed in the gland properly and packing material may escape to the inside of the packing gland. Improper packing could potentially lead to loss of flameproof integrity. J.H. Fletcher & Co. has consulted with MSHA and Reliance to determine whether any problems of this type have occurred. We have been assured by MSHA that none have been reported. Fletcher

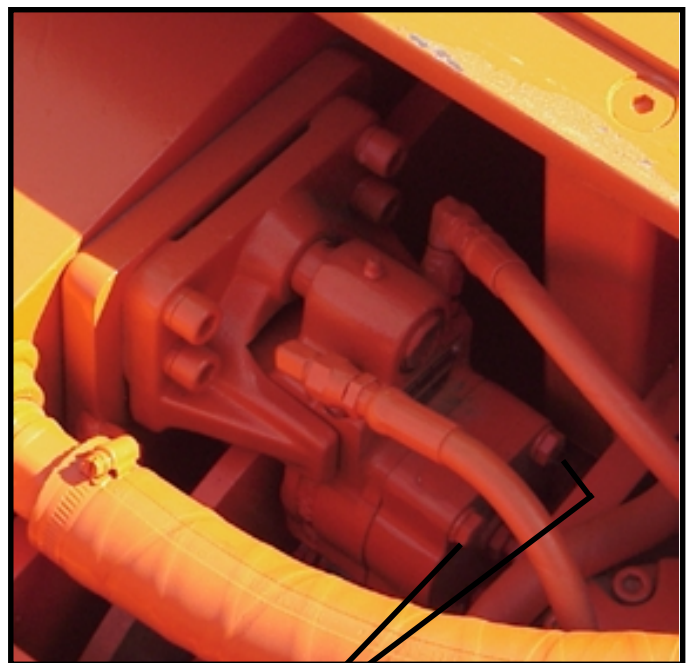


is cooperating with Reliance in identifying its customers whose machines should be inspected and, if necessary, re-paired.

Reliance should have contacted your company by now if you have a machine that is subject to the Reliance Recall. If you have not been contacted, but have reason to believe that the packing material on your machine may have protruded into the packing gland or if you have any other questions regarding this issue, please contact David P. Cooper at Fletcher's Risk Management Department.

RECALL MICO BRAKES

Mico Brake Company has notified J.H. Fletcher & Co. that its Mico "530" style brakes have experienced breakage of the bolt or backing out of the brake unit "Failure of the four bolts used to retain the spring housing and springs could cause the cover to separate from the caliper and the brakes to become non-functional. If this separation occurs, there is a risk of injury or death." The Mico "530" brake should be replaced on all Fletcher machines manufactured or modernized since January 1, 2000. If you have purchased a set of replacement brakes from Fletcher and its authorized distributors since January 1, 2000, they should also be replaced. These retrofits involve only Fletcher part numbers: 353005, 353008, and 353021. If you have any questions regarding this Mico recall or the brakes on your machine, please contact the Risk Management Department at J.H. Fletcher & Co.



Location of bolts
including 2 on
bottom side



Annual Training

J. H. Fletcher & Co. sales and service representatives recently participated in their annual

retraining at the Tri-State Fire Academy in Huntington, WV. Topics covered in the class included CPR, First Aid, Mine Hazards, Roof Control, Noise, Ground Control, and Donning a Rescuer. An addition to this years class was Escape Ways and Emergency Evacuation. Participants entered a smoke filled tank, then had to don their rescuer and crawl through a network of tubes to the exit. This experience gave them a more realistic idea of what it would be like to be in a smoke filled mine.

J. H. Fletcher & Co. would like to thank the Huntington Fire Department for the use of their training facilities for this important day of instruction.

Meet Our Employees

J. H. Fletcher & Co. would like to welcome Ben Newlon to our engineering department. Ben graduated in May of 2001 from Virginia Tech with a degree in Mechanical Engineering. Before coming to J. H. Fletcher & Co., Ben was employed at AK Steel in Ashland, KY and at Yokohama Tire Corporation in Salem, VA. We are glad to have Ben as a part of the engineering team.



Newsletter on the Web

The Fletcher Product Newsletter can be downloaded from www.jhfletcher.com. From the home page, click on Product Newsletters. Select the year and the issue you would like to download and click on the link. You will need Adobe Acrobat Reader to view the newsletter.

The information contained in this newsletter has been obtained from sources believed to be reliable, and the editors have exercised reasonable care to assure its accuracy. However, J. H. Fletcher & Co. does not guarantee that contents of this publication are correct and statements attributed to other sources do not necessarily reflect the opinion or position of J. H. Fletcher & Co.

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FREE SUBSCRIPTION FORM

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